

Translation

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 19711PC FRTL	<b>FOR FURTHER ACTION</b> See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/FR2003/001995	International filing date (day/month/year) 27 juin 2003 (27.06.2003)	Priority date (day/month/year) 01 juillet 2002 (01.07.2002)
International Patent Classification (IPC) or national classification and IPC H02J 7/00		
Applicant FRANCE TELECOM		

<p>1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of <u>5</u> sheets, including this cover sheet.</p> <p><input type="checkbox"/> This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).</p> <p>These annexes consist of a total of _____ sheets.</p>
<p>3. This report contains indications relating to the following items:</p> <p>I <input checked="" type="checkbox"/> Basis of the report</p> <p>II <input type="checkbox"/> Priority</p> <p>III <input type="checkbox"/> Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</p> <p>IV <input type="checkbox"/> Lack of unity of invention</p> <p>V <input checked="" type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</p> <p>VI <input type="checkbox"/> Certain documents cited</p> <p>VII <input type="checkbox"/> Certain defects in the international application</p> <p>VIII <input type="checkbox"/> Certain observations on the international application</p>

Date of submission of the demand 08 janvier 2004 (08.01.2004)	Date of completion of this report 17 November 2004 (17.11.2004)
Name and mailing address of the IPEA/EP	Authorized officer
Facsimile No.	Telephone No.

# INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/FR2003/001995

## I. Basis of the report

### 1. With regard to the elements of the international application:\*

- ☒ the international application as originally filed
- ☒ the description:  
 pages 1-11, as originally filed  
 pages \_\_\_\_\_, filed with the demand  
 pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_
- ☒ the claims:  
 pages \_\_\_\_\_, as originally filed  
 pages \_\_\_\_\_, as amended (together with any statement under Article 19  
 pages \_\_\_\_\_, filed with the demand  
 pages 1-25, filed with the letter of 11 August 2004 (11.08.2004)
- ☒ the drawings:  
 pages 1/3-3/3, as originally filed  
 pages \_\_\_\_\_, filed with the demand  
 pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_
- ☐ the sequence listing part of the description:  
 pages \_\_\_\_\_, as originally filed  
 pages \_\_\_\_\_, filed with the demand  
 pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_

### 2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language \_\_\_\_\_ which is:

- ☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
- ☐ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of the translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

### 3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

### 4. ☐ The amendments have resulted in the cancellation of:

- ☐ the description, pages \_\_\_\_\_
- ☐ the claims, Nos. \_\_\_\_\_
- ☐ the drawings, sheets/fig \_\_\_\_\_

### 5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).\*\*

\* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rule 70.16 and 70.17).

\*\* Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/FR 03/01995

**V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement****1. Statement**

Novelty (N)	Claims	1-25	YES
	Claims		NO
Inventive step (IS)	Claims	1-25	YES
	Claims		NO
Industrial applicability (IA)	Claims	1-25	YES
	Claims		NO

**2. Citations and explanations****1. Reference is made to the following document:**

D1: WO 9926330

**2. D1 (page 20, line 20 to page 124, line 19; figures 1 to 14), which is considered to be the prior art closest to the subject matter of claim 1, describes (the references between parentheses apply to said document) a recharging apparatus with a portable charger including:**

- a connection (AC/DC converter, figure 6-2) to a power supply;
- a plurality of points (Variable High-Voltage DC outputs, Variable Low-Voltage outputs) for connecting rechargeable portable devices having different uses;
- an adapter, which draws power from the power supply and adapts it to the recharging power supply of the rechargeable portable devices, said adapter including a microprocessor (figure 10);
- a converter (DC/DC converter, figure 6-2 or Controllable Regulator, figure 10) provided with a plurality of outputs for supplying voltages and currents suitable for the devices to be recharged, the adapter adapting the charging

power supply to the portable device according to a charging program supplied to the charger.

The subject matter of claim 1 differs from the known apparatus in that it further includes a plurality of rechargeable portable devices having different uses connected to the charger, which adapts a portable receiving device to a portable source device.

The subject matter of claim 1 is therefore novel (PCT Article 33(2)).

The problem addressed by the present invention is that of recharging different rechargeable devices simultaneously and in a manner suitable for each device, and also that of ensuring the transmission of information between two devices connected to the charger.

The solution to this problem, as proposed in claim 1 of the present application, is considered to involve an inventive step (PCT Article 33(3)), since several devices having different uses are connected to a single charger and said devices also include a source device and a receiving device.

3. Claims 2 to 25 are dependent on claim 1 and thus also comply, as such, with the PCT requirements of novelty and inventive step.
4. Other important observations.
  - 4.1 Contrary to the requirement of PCT Rule 5.1(a)(ii), the relevant prior art disclosed in D1 has not been indicated in the description, nor has said document been cited.

- 4.2 Independent claim 1 has not been drafted in two parts, as required by PCT Rule 6.3(b), yet such a drafting would appear to be appropriate in this particular case, with a preamble containing the combination of features known from the prior art (D1) (PCT Rule 6.3(b)(i)), and a characterising part containing the remaining features (PCT Rule 6.3(b)(ii)).
- 4.3 Contrary to the requirements of PCT Rule 5.1(a)(iii), the description is not consistent with the claims, since in the first part a charger is mentioned and not a recharging apparatus.
- 4.4 Contrary to the requirements of PCT Rule 5.1(a)(iii), the description is not consistent with the claims.
- 4.5 Figures 3 to 6 are not drawn up in accordance with PCT Rule 11.13.